

W:\Virus Research Inst\732250-190\Robert Finberg DEC11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Knipe, et al.
Serial No. : 08/278,601
Filed : July 21, 1994
For : Herpesvirus Replication Defective Mutants
Group : 1645
Examiner : Caputa, A.

Assistant Commissioner of Patents
Washington, D.C. 20231

DECLARATION

I, Robert Finberg, declare:

1. That I am employed by the Dana Farber Cancer Institute.
2. That as part of my duties, I am the custodian of laboratory notebooks of the Dana Farber Cancer Institute in which work performed in my laboratory is recorded.
3. That I am the custodian of the laboratory notebook of the Dana Farber Cancer Institute that was used by Lien Huong Nguyen, M.D. when she worked in my laboratory.
4. That the laboratory notebook of Dr. Nguyen is a report of events which occurred in the course of a regularly conducted business activity of Dana Farber Cancer Institute. It is the regular practice of that business activity to prepare such a notebook.
5. That Appendix A attached hereto are true and correct copies, with dates deleted, of pages obtained from the laboratory notebook of Dana Farber Cancer Institute in which Dr. Nguyen recorded her work.

SEP-08-98 12:46 From: CARELLA B

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6. That I hereby declare that all statements made herein are true, and all statements made on information and belief are believed to be true, and further that all statements were made with the knowledge that any willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issued thereon.

Date: 9/17/98

Robert Finberg

vid glück!

All virus received from Dr. David Knipe.

(14)

Injection time with:

(1)

ICP₈ 10^6 pfu $n = 8$ Balb

ICP₈ stock d301 (= received from Dr. David Knipe's Lab (Kay) on relay

$1.7 \cdot 10^9$ pfu / cc $\rightarrow 1.7 \cdot 10^8$ pfu / cc.
Need 10^6 pfu / cc.

so do: a 1: 1700 Dilution

that means: 100 λ in 170000 = 170 cc
(virus stock)

or: 100 λ in 85 cc PBS

and injection of 5 cc

(2) ICP₂₇: (n 504 R) 4×10^8 pfu/cc
 $n = 8$

Need 10^6 pfu / cc: Balb mice.

So do: a 1: $4 \cdot 10^2$ Dilution
that means 100 λ in 40000 = 40 cc. PBS
(virus)

or 100 λ in 20 cc
and inject 0.5 cc.

(3) ICP₄: (received from Dr. Neal de Luca)

$5.5 \cdot 10^9$ pfu / cc.

\approx Need 100 λ then do a
1: $5.5 \cdot 10^2 = 550$ Dilution

Experiment:

(2) Bell mice / c Antac ♀.
5-7 weeks by

Challenged			\bar{c}	
10^6 pfu	HSV	ICP ₄	$n = 8$	(2)
10^6 pfu	HSV	ICP ₈	$n = 8$	(2)
10^6 pfu	HSV	ICP ₂₇	$n = 8$	(3)
and			$n = 9$	(4)
PBS	as	Control		

1. Bleeding
2. Bleeding

Challenge \bar{c} 10^8 pfu

HSV - mp.
Mortality:
in 10 days

(2) (ICP₄)

2 died / from 6.
(2 for prof. function -
array)

(2) (ICP₈)

0 died.

(3) (ICP₂₇)

0 died.

(4) 8 died

from 9. (Control)

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